

Product Comparison Chart

	Security Gateways			Optical Diodes				
Model	Unidirectional Security Gateway	Bilateral Security Gateway	Transfer Guard	OD101-S	OD101-DR	XE5/XE15 [Fend]	SE5/SE15 [Fend]	CE5/CE15 [Fend]
Thumbnail								
Data Flows Supported	Multiple Simultaneous	Multiple Simultaneous	Multiple Simultaneous	Multiple Simultaneous	Multiple Simultaneous	Single	Single	Single
Protocols Supported	Modbus, OPC (UA, DA, A&E), MQTT, IEC104, DNP3, AVEVA PI historian, ICCP, UDP, TCP, HTTP, HTTPS, SMTP, Video/audio, Ethernet packet transfer, Log Transfer, SNMP Traps, SYSLOG, HMI Screen View, FTP, FTPS, SFTP, Windows File Share, SMB, CIFS	Modbus, OPC (UA, DA, A&E), MQTT, IEC104, DNP3, AVEVA PI historian, ICCP, UDP, TCP, HTTP, HTTPS, SMTP, Video/audio, Ethernet packet transfer, Log Transfer, SNMP Traps, SYSLOG, HMI Screen View, FTP, FTPS, SFTP, Windows File Share, SMB, CIFS, MS SQL	FTP, FTPS, SFTP, Folder and file transfer, Windows File Share, SMB, CIFS, HTTPS, Syslog, TCP, UDP	Modbus, OPC (UA, DA, A&E), MQTT, IEC104, DNP3, AVEVA PI historian, ICCP, UDP, TCP, HTTP, HTTPS, SMTP, Video/audio, Ethernet packet transfer, Log Transfer, SNMP Traps, SYSLOG, HMI Screen View, FTP, FTPS, SFTP, Windows File Share, SMB, CIFS	Modbus, OPC (UA, DA, A&E), MQTT, IEC104, DNP3, AVEVA PI historian, ICCP, UDP, TCP, HTTP, HTTPS, SMTP, Video/audio, Ethernet packet transfer, Log Transfer, SNMP Traps, SYSLOG, HMI Screen View, FTP, FTPS, SFTP, Windows File Share, SMB, CIFS	FTP, FTPS, SFTP, TCP, UDP, Modbus TCP, Modbus RTU, BACnet (in), LON-IP (in)	FTP, FTPS, SFTP, TCP, UDP, Modbus TCP, Modbus RTU, BACnet (in), LON-IP (in)	FTP, FTPS, SFTP, TCP, UDP, Modbus TCP, Modbus RTU, BACnet (in), LON-IP (in)
Bandwidth Supported	10 Gbps, 1 Gbps, 100 Mbps	10 Gbps, 1 Gbps, 100 Mbps	10 Gbps, 1 Gbps, 100 Mbps	10 Gbps, 1 Gbps, 100 Mbps	50 Mbps, 10 Mbps	15 Mbps, 5 Mbps	15 Mbps, 5 Mbps	15 Mbps, 5 Mbps
Form Factor	2x 1U Server	2x 1U Server	2x 1U Server	2x 1U Server	2x DIN-rail	DIN-rail / Wall mount	DIN-rail / Wall mount	DIN-rail / Wall mount
Dimensions [L x W x H]	2x 15.75" x 19" x 1.75"	2x 15.75" x 19" x 1.75"	2x 15.75" x 19" x 1.75"	2x 15.75" x 19" x 1.75"	2x 6.3" x 2.5" x 7.32"	5.1" x 5.8" x 1.6"	5.1" x 5.8" x 1.6"	5.1" x 5.8" x 1.6"
Inputs	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet, Serial RS-485	Ethernet, Serial RS-485	Ethernet, Serial RS-485
Outputs	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet, Serial RS-485	Ethernet, Cellular 4G LTE
High Availability								

METADEFENDER NETWALL™

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Model	Unidirectional Security Gateway	Bilateral Security Gateway	Transfer Guard	OD101-S	OD101-DR	XE5/XE15 [Fend]	SE5/SE15 [Fend]	CE5/CE15 [Fend]
Available Globally	✓	✓	✓	✓	✓	✓	✓	✓
Certification/ Accreditation	Common Criteria EAL4+ Pending, FCC/CE/UKCA	FCC/CE/UKCA	Common Criteria EAL4+, FCC/CE/UKCA	Common Criteria EAL4+, FCC/CE/UKCA	Common Criteria EAL4+, FCC/CE/UKCA C1D2 [Pending]	CE/ETL/RoHS	CE/ETL/RoHS	CE/ETL/RoHS/ FCC
MetaScan™ Multiscanning With up to 30 Anti-virus engines	✓	✓	✓	✓	✓			
Deep CDR™ File Sanitization for zero-day threats	✓	✓	✓	✓	✓			
Proactive DLP™ Prevent sensitive data leakage	✓	✓	✓	✓	✓			
Sandbox Analyze malware in a controlled environment	✓	✓	✓	✓	✓			
File-Based Vulnerability Assessment Detect application and file-based vulnerabilities	✓	✓	✓	✓	✓			
SBOM Identify vulnerabilities in the software supply chain	✓	✓	✓	✓	✓			
Country of Origin Detection Instantly detect geographic sources	✓	✓	✓	✓	✓	✓	✓	✓



Protecting the World's Critical Infrastructure